

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/722,834
(Use as many sheets as necessary)				Filing Date	November 26, 2003
Sheet	1	of	14	First Named Inventor	Lee, Dar-Shyang
				Art Unit	2441
				Examiner Name	Nicholas R. Taylor
				Attorney Docket Number 015358-008700US	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code ^{2,3,4} (If Known)			
AA	US-7554576 B2		06-30-2009	Erol et al.	
AB	US-7508419 B2		03-24-2009	Toyama et al.	
AC	US-7478125 B2		01-13-2009	Chang	
AD	US-7343617 B1		03-11-2009	Katcher et al.	
AE	US-7299405 B1		11-20-2007	Lee et al.	
AF	US-7215436 B2		05-08-2007	Hull et al.	
AG	US-7184100 B1		02-27-2007	Wilf et al.	
AH	US-7174289 B2		02-06-2007	Sukehiro	
AI	US-7167191 B2		01-23-2007	Hull et al.	
AJ	US-7131058 B1		10-31-2006	Lapstun et al.	
AK	US-7020721 B1		03-28-2006	Levenberg	
AL	US-6976032 B1		12-13-2005	Hull et al.	
AM	US-6810146 B2		10-26-2004	Loui et al.	
AN	US-6816858 B1		11-09-2004	Coden et al.	
AO	US-6789228 B1		09-07-2004	Memil et al.	
AP	US-6782049 B1		08-24-2004	Dufaux et al.	
AQ	US-6779024 B2		08-17-2004	DeLaHuerga	
AR	US-6766363 B1		07-20-2004	Rothschild	
AS	US-6750978 B1		06-15-2004	Marggraff et al.	
AT	US-6728753 B1		04-27-2004	Parasnis et al.	
AU	US-6665490 B2		12-16-2003	Copperman et al.	
AV	US-6646655 B1		11-11-2003	Brandt et al.	
AW	US-6571295 B1		05-27-2003	Sidana	
AX	US-6535639 B1		03-18-2003	Uchihachi et al.	
AY	US-6526920 B1		03-04-2003	Arons et al.	
AZ	US-6526426 B1		02-25-2003	Lakritz	
BA	US-6510553 B1		01-21-2003	Hazra	
BB	US-6490601 B1		12-03-2002	Markus et al.	
BC	US-6469711 B2		10-22-2002	Foreman et al.	
BD	US-6449653 B2		09-10-2002	Klemets et al.	

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BE	US-6421009 B2		07-16-2002	Suprunov	
BF	US-6405203 B1		06-11-2002	Collart	
BG	US-6396500 B1		05-28-2002	Qureshi et al.	
BH	US-6393462 B1		05-21-2002	Mullen-Schultz	
BI	US-6392694 B1		05-21-2002	Blanchi	
BJ	US-6369835 B1		04-09-2002	Lin	
BK	US-6349297 B1		02-19-2002	Shaw et al.	
BL	US-6334109 B1		12-25-2001	Kanevsky et al.	
BM	US-6332147 B1		12-18-2001	Moran et al.	
BN	US-6249281 B1		06-19-2001	Chen et al.	
BO	US-6209000 B1		03-27-2001	Klein et al.	
BP	US-6193658 B1		02-27-2001	Wendelken et al.	
BQ	US-6189783 B1		02-20-2001	Motomiya et al.	
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BS	US-6154771 A		11-28-2000	Rangan et al.	
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BU	US-6115718 A		09-05-2000	Huberman et al.	
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BX	US-6041360 A		03-21-2000	Himmel et al.	
BY	US-6020883 A		02-01-2000	Herz et al.	
BZ	US-6006807 A		12-28-1999	Bretschneider et al.	
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CB	US-5991429 A		11-23-1999	Coffin et al.	
CC	US-5987454 A		11-16-1999	Hobbs	
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CE	US-5986655 A		11-16-1999	Chiu et al.	
CF	US-5978477 A		11-02-1999	Hull et al.	
CG	US-5956026 A		09-21-1999	Ratakonda	
CH	US-5946654 A		08-31-1999	Newman et al.	

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CI	US-5929848 A		07-27-1999	Albukerk et al.	
CJ	US-5924099 A		07-13-1999	Guzak et al.	
CK	US-5862292 A		01-19-1999	Kubota et al.	
CL	US-5854831 A		12-29-1998	Parsadanian et al.	
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CP	US-5793365 A		08-11-1998	Tang et al.	
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CX	US-5721878 A		02-24-1998	Ottesen et al.	
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DD	US-5633723 A		05-27-1997	Sugiyama et al.	
DE	US-5635982 A		06-03-1997	Zhang et al.	
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DG	US-5596581 A		01-21-1997	Saeija et al.	
DH	US-5568406 A		10-22-1996	Gerber	
DI	US-5539665 A		07-23-1996	Lamming et al.	
DJ	US-5537141 A		07-16-1996	Harper et al.	
DK	US-5530235 A		06-25-1996	Stefik et al.	
DL	US-5526037 A		06-11-1996	Cortjens et al.	

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		Number Kind Code ² (if known)			
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DN	US-5491511 A		02-13-1996	Odie	
DO	US-5485611 A		01-16-1996	Astle	
DP	US-5475741 A		12-12-1995	Davis et al.	
DQ	US-5436792 A		07-25-1995	Leman et al.	
DR	US-5363425 A		11-08-1994	Mutti et al.	
DS	US-5321396 A		06-14-1994	Lamming et al.	
DT	US-5265205 A		11-23-1993	Schroder	
DU	US-5206929 A		04-27-1993	Langford et al.	
DV	US-5164839 A		11-17-1992	Lang	
DW	US-5091931 A		02-24-1992	Milewski	
DX	US-4963995		10-16-1990	Lang	
DY	US-4905094		02-27-1990	Pocock et al.	
DZ	US-4881135		11-14-1989	Heilwell	
EA	US-4807186		02-21-1989	Ohnishi et al.	
EB	US-4787063		11-22-1988	Muguet	
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EE	US-2007/0038935 A1		02-15-2007	Hull et al.	
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EH	US-2006/0284981 A1		12-21-2006	Erol et al.	
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EK	US-2006/0005136 A1 (US-7512883B2)		01-05-2006 (03-31-2009)	Wallack et al.	
EL	US-2005/0064935 A1 (US-7303476 B2)		03-24-2005 (12-04-2007)	Blanco	
EM	US-2004/0249650 A1		12-09-2004	Freedman et al.	
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		Number Kind Code ² (if known)			
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EQ	US-2004/0078805 A1		04-22-2004	Brian et al.	
ER	US-2004/0054964 A1 (US-7313762 B2)		03-18-2004 (12-25-2007)	Bozdagi et al.	
ES	US-2003/0220988 A1		01-30-2003	Koes	
ET	US-2003/0117652 A1 (US-7108192 B2)		06-28-2003 (09-19-2006)	Lapstun	
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EW	US-2002/0171857 A1		11-21-2002	Hisatomi et al.	
EX	US-2002/0169849 A1		11-14-2002	Schroath	
EY	US-2002/0056082 A1		05-09-2002	Hull et al.	
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FA	US-2002/0010641 A1		06-24-2002	Stevens et al.	
FB	US-2002/0097865 A1 (US-7039198 B2)		07-25-2002 (07-25-2002)	Birchfield et al.	
FC	US-2001/0037408 A1 (US-7080386 B2)		11-01-2001 (07-18-2006)	Thrift et al.	
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		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			
FE	JP	07-234694	A	09-05-1995	N T T Data Tsushin KK		Abstract Only <input type="checkbox"/>
FF	JP	08-125737	A	05-17-1996	Matsushita Electric Ind. Co. Ltd.		Abstract Only <input type="checkbox"/>
FG	JP	10-246041	A	09-14-1998	Glory Kogyo KK		Abstract Only <input type="checkbox"/>

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		Country Code ³	Number ⁴	Kind Code ⁵ (# known)		T ²	
	FH	JP	2007-004784 Corresponding to US-11/158,313	A	01-11-2007	Ricoh KK	<input type="checkbox"/> Abstract Only
	FI	JP	403129990	A	06-03-1991	Matsushita Electric Ind. Co. Ltd.	<input type="checkbox"/> Abstract Only
	FJ	KR	10-2006- 0133469 Corresponding to US-11/158,313	A	12-26-2006	Ricoh KK (JP)	<input type="checkbox"/> Abstract Only
	FK	KR	2003-0097669	A	12-31-2003	Microsoft Corp.	<input type="checkbox"/> Abstract Only
	FL	WO	02/013522	A2	02-14-2002	Ouindl	<input type="checkbox"/>
	FM	WO	02/058432	A2	07-25-2002	Ouindl	<input type="checkbox"/>

NON PATENT LITERATURE DOCUMENTS						
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				
	FN	ADDLESEE et al., "The ORL Active Floor," IEEE Personal Communications, October 1997, pp. 35-41, Vol. 4, No. 5, IEEE.				<input type="checkbox"/>
	FO	Adobe Premiere Real-Time editing for HD, SD, and DV, pages 1-2, Adobe, printed on January 18, 2007 at URL: http://www.adobe.com/products/premiere/index.html .				<input type="checkbox"/>
	FP	CHEN et al., "Real-time Speaker Tracking Using Particle Filter Sensor Fusion," <i>Proc. IEEE</i> , March 2004, 13 pages, Vol. 92, Issue 3.				<input type="checkbox"/>
	FQ	European Communication for European Application No. 04255836.1, mailed June 11, 2007, 10 pages.				<input type="checkbox"/>

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	FR	CUNADO et al., "Gait Extraction and Description by Evidencing Gathering." Proceedings of the Second International Conference on Audio and Video-based Person Identification, Washington, D.C., March 22-23, 1999, pages 43-48.			
	FS	CUTLER et al., "Distributed Meetings: A Meeting Capture and Broadcasting System," ACM Multimedia 2000, 10 pages, AMC.			
	FT	DENOUË et al., "ProjectorBox; Seamless Presentation Capture for Classrooms," World Conference on E-Learning in Corporate, Government, Healthcare, & Higher Education (E-Learn 2005), October 24, 2005, 6 pages.			
	FU	DVD EZmaker USB 2.0, AVerMedia Digital Multimedia, 1 page, printed on January 18, 2007 at URL: http://www.aver.com/2005home/product/videocapture/ezmakerusb2.0/ezmakerusb2.0.shtml .			
	FV	ELDRIDGE et al., "Does A Video Diary Help Recall? Technical Report EPC-1991-124," People and Computers VII, eds. Monk et al., 1992, 1992, pages 257-269, Ramk Xerox Ltd., Cambridge.			
	FW	EROL et al., "Multimodal Summarization of Meeting Recordings," ICME, 2003, 24 pages.			
	FX	FOOTE et al., "An Intelligent Media Browser Using Automatic Multimodal Analysis," ACM Multimedia, 1998, pages 375-380, AMC, Bristol UK.			
	FY	GIRGENSOHN et al., "Time-Constrained Keyframe Selection Technique," Multimedia Tools and Applications, 2000, pages 347-358, vol. 11, issue 3.			
	FZ	GROSS et al., "Towards a Multimodal Meeting Record," ICME, 2000, pages 1593-1596, New York.			
	GA	HILBERT et al., "Seamless Capture and Discovery for Corporate Memory," The 15th International World Wide Web Conference (WWW2006), Edinburgh, UK, May 22-26, 2006, 10 pages.			
	GB	HILBERT et al., "Seamless Presentation Capture, Indexing, and Management," Internet Multimedia Management Systems VI (SPIE Optics East 2005) , October 26, 2005, 9 pages.			
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	GC	HU et al., "Audio Hot Spotting and Retrieval Using Multiple Audio Features and Multiple ASR Engines," HLT-NAACL 2004 Workshop on Interdisciplinary Approaches to Speech Indexing and Retrieval, 2004, 6 pages.			<input type="checkbox"/>
	GD	ICSI Meeting Recorder Project: Recording software, pages 1-3, printed on January 18, 2007, at URL: http://www.icsi.berkeley.edu/~dpwe/research/mtgrcdr/rdc-sw.html .			<input type="checkbox"/>
	GE	JAIMES et al., "Memory Cues for Meeting Video Retrieval," ACM CARPE Workshop 2004, October 15, 2004, pages 74-85, ACM, New York, NY.			<input type="checkbox"/>
	GF	KONNEKER, "Automating Receptionists," Proceedings of the 1986 IEEE International Conference on Systems, Man, and Cybernetics, Atlanta, GA, October 14-17, 1986, pages 1592-1596, IEEE.			<input type="checkbox"/>
	GG	LAMMING et al., "Activity-based Information Retrieval: Technology in Support of Personal Memory," F.H. Vogt (ed.), Personal Computers and Intelligent Systems. Proceedings of Information Processing 92, 1992, pp. 68-81, Vol. 3, Elsevier Science Publishers, North Holland.			<input type="checkbox"/>
	GH	LEE et al., "Portable Meeting Recorder," ACM Multimedia 2002, December 1-6, 2002 pages 493-502, ACM, Juan Les Pins, France.			<input type="checkbox"/>
	GI	LOVSTRAND, "Being Selectively Aware with the Kchronika System," Proceedings of the Second European Conference on Computer-Supported Cooperative Work, September 25-27, 1991, pages 265-277, Amsterdam, The Netherlands, September 25-27, 1991, pages 265-277, Rank Xerox EuroPARC, United Kingdom.			<input type="checkbox"/>
	GJ	Meet?ng Room, An Interactive Systems Labs Project, page 1, printed on January 18, 2007 at URL: http://www.is.cs.cmu.edu/meeting_room/browser/browser_toprint.html .			<input type="checkbox"/>
	GK	NAIR, "Calculation of an Aggregated Level of Interest Function for Recorded Events," ACM Multimedia 2004, October 10-16, 2004, 4 pages, ACM New York, NY.			<input type="checkbox"/>
	GL	NEWMAN et al., "PEPSYS: Generating Autobiographies by Automatic Tracking," Proceedings of the Second European Conference on Computer-Supported Cooperative Work, September 25-27, 1991, Amsterdam, The Netherlands, September 25-27, 1991, pages 175-188, Rank Xerox EuroPARC, England.			<input type="checkbox"/>

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Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
	GM	NISHIMURA et al., "Indexing of human motion at meeting room by analyzing time-varying images of omni-directional camera," Conference on Computer Vision, 2000, pages 1-4, vol. 1. [Copy of reference not submitted -- cannot locate copy of this reference]			
	GN	Nuance - ScanSoft Imaging Solutions, 1 page, printed on January 18, 2007, at URL: http://www.nuance.com/scansoft/ .			
	GO	PLAMONDON et al., "Automatic Signature Verification and Writer Identification – The State of the Art," Pattern Recognition," Pattern Recognition, August 10, 1998, pages 107-131, Vol. 22, No. 2, Great Britain.			
	GP	Product Description for Meeting Companion by Quindi Corporation, 2004, 8 pages, printed on January 24, 2005, at URL: http://quindi.com/product.htm .			
	GQ	RANGAN, "Software Implementation of VCRs on Personal Computing Systems," IEEE Transactions on Consumer Electronics, August 1992, pages 635-640, vol. 38, no. 3, IEEE.			
	GR	RANGAN et al., "A Window-Based Editor for Digital Video and Audio," IEEE 1992, pgs. 640-648, IEEE.			
	GS	ROSENSCHEIN, "New Techniques for Knowledge Capture," TTI/Vanguard Conference: Knowledge Management Comes of Age, September 23-24, 2003 Washington D.C., September 23-24, 2003, pages 1-3, TTI/Vanguard.			
	GT	RUI et al., "Automating lecture capture and broadcast: technology and videography," ACM Multimedia Systems Journal, 2004, pages 1-13, vol. 10, Multimedia Systems.			
	GU	"Smart Lobby: The Electronic Sign-In Book That Tracks Visitors and Prints Badges, User Guide for Windows," Seiko Instruments, Inc., 1997, 43 pages, Seiko Instruments USA, Inc., San Jose CA.			
	GV	SONG et al., "PVCAIS: A Personal Videoconference Archive Indexing System," ICME 2003, pages 673-676, IEEE.			
	GW	"Sony EVI-D100 Pan/Tilt/Zoom Color Video Camera," Picture Phone Direct, pages 1-2, printed on January 18, 2007, at URL: http://www.picturephone.com/products/sony_evid100.htm .			
Examiner Signature	/Nicholas Taylor/			Date Considered	11/19/2009

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Substitute for form 1449/PTO				Complete if Known	
				Application Number	10/722,834
				Filing Date	November 26, 2003
				First Named Inventor	Lee, Dar-Shyang
				Art Unit	2441
				Examiner Name	Nicholas R. Taylor
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	GX	SONY MUSIC CORPORATION, "E-Guide Unmanned Reception System," Japan Industrial Journal, May 20, 1996, page 6.			<input type="checkbox"/>
	GY	STIFELMAN et al., "The Audio Notebook," CHI 2001, March 31-April 5, 2001, 150 pages, vol. 3, no. 1, Seattle, WA.			<input type="checkbox"/>
	GZ	Systran® Language Translation Technologies, page 1, printed on January 18, 2007, at URL: http://www.systransoft.com/index.html .			<input type="checkbox"/>
	HA	UCHIHASHI et al., "Video Magna: Generating Semantically Meaningful Video Summaries," Proc. Multimedia 1999, 10 pages.			<input type="checkbox"/>
	HB	VIREDAZ M.A., "The Itsy Pocket Computer Version 1.5: User's Manual," Technical Note TN-54, Compaq Western Research Laboratory, July 1998, pages 1-37, Digital Western Research Laboratory, Palo Alto, CA.			<input type="checkbox"/>
	HC	WANT et al., "The Active Badge Location System," ACM Transactions on Information Systems, January, 1992, pages 91-102, vol. 10, no. 1.			<input type="checkbox"/>
	HD	WebEx: Web Conferencing, Online Meetings, and Video Conferencing , 1 page, printed on January 18, 2007, at URL: http://www.webex.com .			<input type="checkbox"/>
	61-1_A	Non-Final Office Action for U.S. Patent Application No. 09/714,785, mailed April 9, 2003, 27 pages.			<input type="checkbox"/>
	61-1_B	Final Office Action for U.S. Patent Application No. 09/714,785, mailed September 17, 2003, 25 pages.			<input type="checkbox"/>
	61-1_C	Advisory Action for U.S. Patent Application No. 09/714,785, mailed November 26, 2003, 3 pages.			<input type="checkbox"/>
	61-1_D	Non-Final Office Action for U.S. Patent Application No. 09/714,785, mailed March 5, 2004, 25 pages.			<input type="checkbox"/>
Examiner Signature	/Nicholas Taylor/			Date Considered	11/19/2009

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(Use as many sheets as necessary)				Filing Date	November 26, 2003
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	61-1_E	Final Office Action for U.S. Patent Application No. 09/714,785, mailed December 7, 2004, 33 pages.	<input type="checkbox"/>	
	61-1_F	Final Office Action for U.S. Patent Application No. 09/714,785, mailed July 12, 2005, 8 pages.	<input type="checkbox"/>	
	61-1_G	Notice of Allowance for U.S. Patent Application No. 09/714,785, mailed November 1, 2005, 4 pages.	<input type="checkbox"/>	
	61-2_A	Non-Final Office Action for U.S. Patent Application No. 11/250,780, mailed July 27, 2007, 13 pages.	<input type="checkbox"/>	
	61-2_B	Final Office Action for U.S. Patent Application No. 11/250,780, mailed May 30, 2008, 31 pages.	<input type="checkbox"/>	
	62-1_A	Non-Final Office Action for U.S. Patent Application No. 09/728,560, mailed May 23, 2003.	<input type="checkbox"/>	
	62-1_B	Interview Summary for U.S. Patent Application No. 09/728,560, mailed October 30, 2003.	<input type="checkbox"/>	
	62-1_C	Notice of Allowance for U.S. Patent Application No. 09/728,560, mailed November 4, 2003.	<input type="checkbox"/>	
	62-1_D	Interview Summary for U.S. Patent Application No. 09/728,560, mailed January 21, 2004.	<input type="checkbox"/>	
	62-1_E	Notice of Allowance for U.S. Patent Application No. 09/728,560, mailed November 22, 2004.	<input type="checkbox"/>	
	62-1_F	Notice of Allowance for U.S. Patent Application No. 09/728,560, mailed December 16, 2005.	<input type="checkbox"/>	
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				Examiner Name	Nicholas R. Taylor
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	62-12_A	Non-Final Office Action For U.S. Patent Application No. 11/389,513, mailed June 25, 2008, 15 pages.			
	62-12_B	Final Office Action for U.S. Patent Application No. 11/389,513, mailed March 3, 2009, 23 pages.			
	62-2_A	Non-Final Office Action for U.S. Patent Application No. 09/728,453, mailed December 1, 2004, 27 pages.			
	62-2_B	Final Office Action for U.S. Patent Application No. 09/728,453, mailed September 21, 2005, 14 pages.			
	62-2_C	Advisory Action for U.S. Patent Application No. 09/728,453, mailed February 22, 2006, 4 pages.			
	62-2_D	Non-Final Office Action for U.S. Patent Application No. 09/728,453, mailed August 27, 2007, 12 pages.			
	62-2_E	Final Office Action for U.S. Patent Application No. 09/728,453, mailed April 15, 2008, 17 pages.			
	62-2_F	Non-Final Office Action for U.S. Patent Application No. 09/728,453, mailed December 23, 2008, 17 pages.			
	63_A	Non-Final Office Action for U.S. Patent Application No. 09/521,252, mailed January 20, 2004, 13 pages.			
	63_B	Non-Final Office Action for U.S. Patent Application No. 09/521,252, mailed October 21, 2004, 17 pages.			
	63_C	Interview Summary for U.S. Patent Application No. 09/521,252, mailed November 23, 2004, 3 pages.			
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	63_D	Final Office Action for U.S. Patent Application No. 09/521,252, mailed June 2, 2005, 16 pages.
	63_E	Advisory Action for U.S. Patent Application No. 09/521,252, mailed October 12, 2005, 4 pages.
	63_F	Non-Final Office Action for U.S. Patent Application No. 09/521,252, mailed January 6, 2006, 16 pages.
	63_G	Final Office Action for U.S. Patent Application No. 09/521,252, mailed October 5, 2006, 14 pages.
	63_H	Interview Summary for U.S. Patent Application No. 09/521,252, mailed March 16, 2007, 3 pages.
	63_I	Interview Summary for U.S. Patent Application No. 09/521,252, mailed July 17, 2007, 1 pages.
	63_J	Notice of Allowance for U.S. Patent Application No. 09/521,252, mailed July 17, 2007, 10 pages.
	107_A	Non-Final Office Action for U.S. Patent Application No. 11/158,315, mailed July 30, 2008, 32 pages.
	107_B	Final Office Action for U.S. Patent Application No. 11/158,315, mailed January 26, 2009, 30 pages.
	107_C	Interview Summary for U.S. Patent Application No. 11/158,315, mailed February 17, 2009, 2 pages.
	107_D	Advisory Action for U.S. Patent Application No. 11/158,315, mailed April 15, 2009, 4 pages.
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	107_E	Non-Final Office Action for U.S. Patent Application No. 11/158,315, mailed July 9, 2009, 27 pages. <input type="checkbox"/>		
	108_A	Non-Final Office Action for U.S. Patent Application No. 11/158,313, mailed November 14, 2008, 33 pages. <input type="checkbox"/>		
	108_B	Notice of Allowance for U.S. Patent Application No. 11/158,313, mailed April 9, 2009, 14 pages. <input type="checkbox"/>		

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